

Courage to Soar			
2008 Mathematics			
Core Curriculum Content Standards			
New Jersey Mathematics			
Grade 3			
Activity/Lesson	State	Standards	
The Flight Timeline	NJ	MA.3.4.1.3 A.6	Use real-life experiences, physical materials, and technology to construct meanings for numbers .Compare and order numbers.
Having the Right Stuff	NJ	MA.3.4.4.3 C.1.a	Represent and classify data according to attributes, such as shape or color, and relationships. Venn diagrams
Controlling the Plane	NJ	MA.3.4.1.3 B.6	Select pencil-and-paper, mental math, or a calculator as the appropriate computational method in a given situation depending on the context and numbers.
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Grade 4			
Activity/Lesson	State	Standards	
Soaring Higher	NJ	MA.4.4.4.4 A.2.a	Read, interpret, construct, analyze, generate questions about, and draw inferences from displays of data. Pictograph, bar graph, line plot, line graph, table
The Flight Timeline	NJ	MA.4.4.1.4 A.6	Use real-life experiences, physical materials, and technology to construct meanings for numbers .Compare and order numbers.
The Flight Timeline	NJ	MA.4.4.1.4 A.7.b	Explore settings that give rise to negative numbers. Extension of the number line
Having the Right Stuff	NJ	MA.4.4.4.4 C.1.a	Represent and classify data according to attributes, such as shape or color, and relationships. Venn diagrams
Controlling the Plane	NJ	MA.4.4.4.4 A.2.b	Read, interpret, construct, analyze, generate questions about, and draw inferences from displays of data. Average (mean), most frequent (mode), middle term (median)
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Grade 5			
Activity/Lesson	State	Standards	

Kite Flight	NJ	MA.5.4.4.5 A.3	Respond to questions about data and generate their own questions and hypotheses.
Soaring Higher	NJ	MA.5.4.4.5 A.2.a	Read, interpret, select, construct, analyze, generate questions about, and draw inferences from displays of data. Bar graph, line graph, circle graph, table
The Flight Timeline	NJ	MA.5.4.1.5 A.6	Use real-life experiences, physical materials, and technology to construct meanings for numbers .Compare and order numbers.
Controlling the Plane	NJ	MA.5.4.4.5 A.2.b	Read, interpret, select, construct, analyze, generate questions about, and draw inferences from displays of data. Range, median, and mean